CONSTRUCTION DRAWINGS > PROCESS & TIMELINE

DRAWING REVIEW PROCESS

Drawing reviews are required to be submitted in two stages for Landlord review; Preliminary and final Construction Drawings. Preliminary drawings are required to ensure the design process moves quickly by ensuring that all Criteria requirements are understood and adopted early in the design. This helps ensure an expedited review of the final Construction Drawings.

REVIEW TIMELINE

Step	Action	Time Period
1	Tenant submits preliminary design.	Required 20 days after Lease Execution or 10 days following previous submittal disapproval.
2	Landlord Approved Preliminary Design.	15 days after confirmed completion of Step #1.
3	Tenant submits final construction drawings.	Required 20 days after Tenant Coordinator approval at Step #2.
4	Landlord Approves final documents.	15 days after completion of Step #3.
5	Tenant submits drawings for permit.	5 days after confirmed completion of Step #4.

CONSTRUCTION DRAWINGS > SUBMITTAL REQUIREMENTS > PRELIMINARY

PRELIMINARY DESIGN SUBMITTAL

The Preliminary Document review process will evaluate all the criteria discussed in this manual, including overall three-dimensional form, degree of design uniqueness and identity, use and detailing of materials, colors and lighting, and integration of signage and graphics.

Submittals are to provide the reviewer with a clear understanding of proposed design concepts.

The submission must be complete in order to fairly evaluate the proposal and prevent continuation of work on an unacceptable design.

Tenant shall submit to Landlord at tcphoenix@macerich.com an electronic PDF files of the following:

- **Color and Material Sample Board**
  Include actual samples of all Tenant colors and materials visible to the public, on a digital sample board. Clearly label all materials and reference to floor plan elevations.
- **Perspective and/or Photo Image(s)**
  Colored perspective rendering and/or prototypical photo images of the proposed storefront, including graphics and signage.
- **Cover Sheet**
  Include: Name of Tenant, name of Mall or Center, space number, Applicable Codes, Building Type and Occupancy Type, Leased square footage, and Key Plan
- **Floor Plan**
  ¼" Scale Minimum showing: Entire lease dimensioned space with room names, floor finishes, casework and fixture locations.
- **Reflected Ceiling Plan**
  ¼" Scale Minimum showing: Lighting design, including fixture types and locations, signage, access panels, Overhead projections such as light coves and fascia systems, and Entrance.
- **Sections**
  1" Scale Minimum showing: Entry, Display windows and fascia, Sign integration into storefront design.
- **Storefront Elevations**
  ½ Scale Minimum showing: Exterior views - front and sides, Signs, graphics, logos.

Copies of all drawings are to be sent to the Tenant Coordinator via email.

A physical sample board is also required, mounted on foam core or card stock to be sent in coordination with your Tenant Coordinator.

CONSTRUCTION DRAWINGS > SUBMITTAL REQUIREMENTS > FINAL

FINAL DRAWING SUBMITTAL

After Preliminary Drawing Approval, it is critical to quickly complete and submit Final Construction Drawings for Landlord review.

If any questions arise from the Tenant's interpretation of the design and criteria information, the Tenant shall assume all responsibility for clarification by written request to the Tenant Coordinator. The Landlord plan review and approval process is independent of local permitting for construction. The Tenant is responsible for procurement and compliance with local, state and federal codes and requirements.

Tenant shall submit to Landlord at tcphoenix@macerich.com an electronic PDF files of the following:

- **Responsibility Schedule**
  Any work, which is the Landlord's responsibility, must be listed clearly on a responsibility schedule on the cover sheet.
- **Cover sheet**
  Include a Key Plan, Name of Tenant, name of Mall or Center, space number and location leased premises within Mall or Center, Applicable codes, building type and occupancy type, Leased square footage, Responsibility schedule, and Drawing index.
- **Floor Plans**
  ¼" Scale Minimum showing: Entire lease space with room names, Floor finishes, casework and fixture locations, and Demolition plan.
- **Reflected Ceiling Plan**
  ¼" Scale Minimum showing: Complete lighting design, including fixture types and locations, signage, access panels, Overhead projections such as light coves and fascia system, Entry, Connection to Landlord's work, Tenant's framing and/or additional structure showing freestanding from Landlord's structure.
- **Sections**
  1" Scale Minimum showing: Entry, Display windows and fascia, Sign integration into storefront design, Connection to Landlord's work, Tenant's framing and/or additional structure showing freestanding from Landlord's structure.
- **Interior Elevations**
  ¼" Scale Minimum showing: All sales floor interior views, Built-in casework, signage, and display systems.
- **Storefront Elevations**
  ½" Scale Minimum showing: Exterior views - front and sides, Signs, graphics, logos, Landlord neutral piers, Storefront finishes (to be referenced to finish schedule)
- **Architectural Details**
  ½" Scale Minimum.
- **Door Schedule**
  Include floor transition details and anti-theft security system details.
- **Details, Catalogue Cut Sheets, and Fixture Finishes**
- **Finish & Color Schedule**

Copies of all drawings are to be sent to the Tenant Coordinator via email.

CONSTRUCTION DRAWINGS > SUBMITTAL REQUIREMENTS > FINAL ENGINEERING

FINAL DRAWING SUBMITTAL - ENGINEERING DRAWINGS

The Landlord does not review for mechanical, electrical, plumbing, or structural design, nor does the Landlord accept responsibility for the Tenant's adherence to governing codes.

Tenant shall submit to Landlord at tcphoenix@macerich.com an electronic PDF files of the following engineering drawings included in the final drawing set:

I. MECHANICAL DESIGN DOCUMENTS

- Make, type, and performance of all equipment.
- Sign and seal by a Licensed Engineer in the state where the Shopping Center is located.
- Calculations showing the heating and cooling required, including transmission and ventilation losses in the space, and heat and cooling provided for the ventilation supply, and exhaust required for the space. Calculations must be performed in accordance with the latest ASHRAE standards and tabulated in a concise, orderly manner.
- Temperature control system data showing make, control, and energy management systems.
- Exhaust system layout including CFM and equipment specifications.
- Reflected ceiling plan showing HVAC equipment.
- Roof plan with equipment locations.
- Structural details for support of all rooftop equipment and equipment suspended from the steel structure.

II. PLUMBING DESIGN DOCUMENTS

- Make, type, and performance of all equipment.
- Sign and seal by a Licensed Engineer in the state where the Shopping Center is located.
- Complete plumbing system design and floor plan for the Tenant space including, but not limited to the toilets, sinks, urinals, drains, hot water heaters, water coolers, grease trap/interceptors and connections into existing water and sewer lines.
- Single line diagram.
- Fixture schedule.
- Water heater detail as applicable.
- Grease trap cut sheets as applicable.

III. FIRE PROTECTION / SMOKE EVACUATION DESIGN DOCUMENTS

- Reflected ceiling plan, with revised sprinkler head locations.
- Design must be City approved before construction

IV. ELECTRIC DESIGN DOCUMENTS

- Sign and seal by a Licensed Engineer in the state where the Shopping Center is located.
- Panel schedules, load calculations, and meter information, if applicable.
- Structural drawings for all equipment that will be suspended from the steel structure.
- Electrical load summary and Title 24 Energy Calculations (for State of California).
- Floor plan depicting equipment locations and branch circuitry.
- Reflected ceiling plan depicting the layout of light fixtures.
- System one line diagrams.
- Lighting fixture schedule.
- Equipment legend.

V. STRUCTURAL DESIGN DOCUMENTS

- Design elements affecting the structure of the base building.
- Alterations, additions, modifications and reinforcements to the base building which shall be required to accommodate Tenant's Work.
- All calculations & details (Include ICBO numbers on all framing details, Seismic bracing details for State of California.)
- All forms required by governmental agencies and Governmental Regulations, fully and properly completed and executed by Tenant.
- Partial structural framing plan showing existing conditions for new and existing rooftop installations and proposed reinforcement, which shall be accompanied by structural engineers' calculations, drawn on a scale of ½"=1'0''.
- Ceiling, soffits, storefront attachment details to existing base building.
- A letter from a state-registered structural engineer certifying that all new equipment and design elements serving the Premises are adequately supported to carry the new load.

SIGNAGE DRAWINGS > PROCESS & TIMELINE

DRAWING REVIEW PROCESS

Sign drawing reviews are required to be submitted in two stages for Landlord review; Preliminary and final Construction Drawings. Preliminary drawings are required to ensure the design process moves quickly by ensuring that all Criteria requirements are understood and adopted early in the design. This helps ensure an expedited review of the final Construction Drawings.

REVIEW TIMELINE

Step	Action	Time Period
1	Tenant submits preliminary design.	Required 20 days after Lease Execution or 10 days following previous submittal disapproval.
2	Landlord Approved Preliminary Design.	15 days after confirmed completion of Step #1.
3	Tenant submits final sign drawings.	Required 20 days after Tenant Coordinator approval at Step #2.
4	Landlord Approves final documents.	15 days after completion of Step #3.
5	Tenant submits drawings for permit. (If applicable)	5 days after confirmed completion of Step #4.

SIGNAGE DRAWINGS > SUBMITTAL REQUIREMENTS > PRELIMINARY, FINAL

PRELIMINARY DESIGN SUBMITTAL

The Preliminary Document review is intended to acquaint the Landlord with the Tenant's signage design intent.

Submittals are to provide the reviewer with a clear understanding of proposed design concepts.

The submission must be complete in order to fairly evaluate the proposal and prevent continuation of work on an unacceptable design.

Tenant's licensed sign contractor shall submit to the Center's Tenant Coordinator electronic PDF files of the following:

- **Perspective and/or Photo Image(s)**
  Colored perspective rendering and/or prototypical photo images of the proposed storefront, including graphics and signage.
- **Storefront Elevations**
  ½ Scale Minimum showing: Exterior views - front and sides, Signs, graphics, and logos highlighting sign dimensions and materials.

FINAL DRAWING SUBMITTAL

After Preliminary Drawing Approval, it is critical to quickly complete and submit Final Construction Drawings for Landlord review.

If any questions arise from the Tenant's interpretation of the design and criteria information, the Tenant shall assume all responsibility for clarification by written request to the Tenant Coordinator. The Landlord plan review and approval process is independent of local permitting for construction. The Tenant is responsible for procurement and compliance with local, state and federal codes and requirements.

The Landlord does not accept responsibility for the Tenant's adherence to governing codes or verification of job site conditions.

Tenant's licensed sign contractor shall submit to the Center's Tenant Coordinator electronic PDF files of the following:

- Elevation of the storefront including signage and graphics; showing all doors, architectural features, etc., and fully detailed/dimensioned sections and details through the storefront.
- These fully detailed and dimensioned drawings shall be drawn to scale as noted:
  - Storefront Plan, Elevation and Sectional views at 1/2 inch scale.
  - Details of the Signage at 1/2 inch scale or larger.
  - Storefront Signage at 1/2 inch scale.
- Letter style and typeface specifics.
- Color and finish qualities of all portions of signage.
- Material specifications and thickness.
- Transformer specifications, including input and output voltage of transformers. PK housing, (or other UL approved insulating sleeve approved by Landlord and local building codes), is required for all through wall penetrations and must be indicated on the sign shop drawings. Wiring specifications.
- Locations of service switches, access panels and transformers. NONE of these items shall be visible to the public from any portion of the Mall.
- Neon tube specifications, including color and dimension (in mm) of tubes to be used.
- Type of lamps.
- Mounting hardware.

KIOSK DRAWINGS > PROCESS & TIMELINE

DRAWING REVIEW PROCESS

Kiosk drawing reviews are required to be submitted in two stages for Landlord review; Preliminary and final Construction Drawings. Preliminary drawings are required to ensure the design process moves quickly by ensuring that all Criteria requirements are understood and adopted early in the design. This helps ensure an expedited review of the final Construction Drawings.

REVIEW TIMELINE

Step	Action	Time Period
1	Tenant submits preliminary design.	Required 20 days after Lease Execution or 10 days following previous submittal disapproval.
2	Landlord Approved Preliminary Design.	15 days after confirmed completion of Step #1.
3	Tenant submits final construction drawings.	Required 20 days after Tenant Coordinator approval at Step #2.
4	Landlord Approves final documents.	15 days after completion of Step #3.
5	Tenant submits drawings for permit.	5 days after confirmed completion of Step #4.

KIOSK DRAWINGS > SUBMITTAL REQUIREMENTS > PRELIMINARY, FINAL

PRELIMINARY DESIGN SUBMITTAL

The Preliminary Document review is intended to acquaint the Landlord with the Tenant's signage design intent.

Submittals are to provide the reviewer with a clear understanding of proposed design concepts.

The submission must be complete in order to fairly evaluate the proposal and prevent continuation of work on an unacceptable design.

Tenant's licensed architect shall submit to Landlord at tcphoenix@macerich.com an electronic PDF files sized 24" x 36" format of the following on:

- Colored perspective rendering and/or prototypical photo images of the proposed kiosk, including graphics and signage.
- A material sample board, (8-1/2" x 11" minimum), clearly noting the Tenant name and Mall name.
- A floor plan.
- Sections and elevations of the kiosk.

FINAL DRAWING SUBMITTAL

After Preliminary Drawing Approval, it is critical to quickly complete and submit Final Construction Drawings for Landlord review.

If any questions arise from the Tenant's interpretation of the design and criteria information, the Tenant shall assume all responsibility for clarification by written request to the Tenant Coordinator. The Landlord plan review and approval process is independent of local permitting for construction. The Tenant is responsible for procurement and compliance with local, state and federal codes and requirements.

The Landlord does not accept responsibility for the Tenant's adherence to governing codes or verification of job site conditions.

Tenant's licensed architect shall submit to Landlord at tcphoenix@macerich.com an electronic PDF files sized 24" x 36" format of the following on:

- A cover sheet including a vicinity map, location map, (LOD), all code compliance notes as required by the city.
- Floor plan detailed and scaled, showing all components, counters, cash wraps, islands, condiment area layout, partitions etc.
- All finishes and fixtures with complete schedules and keyed plans and elevations.
- Details and sections of each side as well as the pylon, counter edge, millwork, toe kick, raised flooring, wall caps, special conditions etc.
- All interior and exterior elevations, with sign locations and dimensions.
- Anything necessary to describe structures or design features, not depicted or easily understood.
- Electrical drawings including a plan layout.
- Plumbing drawings, if applicable.
- Equipment schedule and finish schedule.
- Sign shop drawings, with plan, elevations, sections, materials and details.